

ABSTRACT OF THE DISCLOSURE

An infrared LASER diode based high intensity light (100) for use as an aircraft landing light or searchlight in conjunction with night vision imaging systems. The high intensity light (100) uses infrared LASER diodes (110) installed into a heat sink (112) for temperature stability. The infrared light emitted from the LASER diodes (110) is transmitted to an optical positioning plate (106) by optical transmission means (108). The optical positioning plate (106) combines the emissions of the individual LASER diodes (110) to a single infrared light beam, which is collimated by an aspheric lens (102).